

1 **ABSTRACT**

2 A security system employing a multichannel image processor. The security system has: a
3 multichannel image processor for selectively receiving image signals transmitted through a plurality
4 of input channels and outputting the image signals; and a user's computer connected with the
5 multichannel image processor through a communication interface, the user's computer for controlling
6 a channel selection of the multichannel image processor in accordance with a set-up mode,
7 displaying signals input from the multichannel image processor through a display device
8 corresponding to the set-up mode and/or record in a memory, supplying a main image display
9 window for displaying the transmitted image signals and a manipulation key window for displaying
10 keys for selecting the mode to be integrally displayed on a main frame, and having a multichannel
11 image driver to process in accordance with the selected key. In the multichannel image processor
12 and the security system employing the same, if the recording medium storing a multichannel image
13 driver is installed in a computer, and the multichannel image processor is installed in a camera and
14 the computer, a desired security system can be established and thus the utility of resources would be
15 increased. Moreover, a separate job using the computer can be done during watching an object, and
16 the camera can be remotely controlled.